

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/549,711
Source: PCP/10
Date Processed by STIC: 10/3/05

ENTERED



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/549,711

DATE: 10/03/2005

TIME: 14:28:37

Input Set : A:\P102159WO.ST25.txt
 Output Set: N:\CRF4\10032005\J549711.raw

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3 <110> APPLICANT: Milner, Josephine
5 <120> TITLE OF INVENTION: Regulation of Gene Expression
7 <130> FILE REFERENCE: 4100-0001
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/549,711
C--> 10 <141> CURRENT FILING DATE: 2005-09-16
12 <150> PRIOR APPLICATION NUMBER: GB 0306148.8
13 <151> PRIOR FILING DATE: 2003-03-18
15 <160> NUMBER OF SEQ ID NOS: 11
17 <170> SOFTWARE: PatentIn version 3.1
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20 <211> LENGTH: 21
21 <212> TYPE: DNA
22 <213> ORGANISM: Artificial Sequence
24 <220> FEATURE:
25 <223> OTHER INFORMATION: Bcl-2 small interfering RNA sequence (siRNA)
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45 <212> TYPE: DNA
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68 <211> LENGTH: 21

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101 ggggcgcgcc ccgcgcgggg catcttctcc tcgcagcccg ggcacacgccc ccatacagcc 180
103 gcatcccggg acccggtcgc caggacctcg ccgcgtcaga ccccggtcgc ccccgccgc 240
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107 ggccgacgact tctccgcgcg ctaccgcgcg gacttcgcgcg agatgtccag gcagctgcac 360
109 ctgacgcgcct tcaccgcgcg gggacgcttt gccacgggtgg tggaggagct cttcaggac 420
111 ggggtgaact gggggaggat tgtggccttc tttgagttcg gtggggtcat gtgtgtggag 480
113 agcgtcaacc gggagatgtc gccccctggg gacaacatcg ccctgtgat gactgagttac 540
115 ctgaaccggc acctgcacac ctggatccag gataacggag gctggatgc ctttgtggaa 600
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125 <213> ORGANISM: Homo sapiens
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133 Lys Tyr Ile His Tyr Lys Leu Ser Gln Arg Gly Tyr Glu Trp Asp Ala
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137 Gly Asp Val Gly Ala Ala Pro Pro Gly Ala Ala Pro Ala Pro Gly Ile
138 35 40 45
141 Phe Ser Ser Gln Pro Gly His Thr Pro His Thr Ala Ala Ser Arg Asp
142 50 55 60
145 Pro Val Ala Arg Thr Ser Pro Leu Gln Thr Pro Ala Ala Pro Gly Ala
146 65 70 75 80
149 Ala Ala Gly Pro Ala Leu Ser Pro Val Pro Pro Val Val His Leu Thr
150 85 90 95
153 Leu Arg Gln Ala Gly Asp Asp Phe Ser Arg Arg Tyr Arg Arg Asp Phe

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154	100	105	110
157	Ala Glu Met Ser Arg Gln Leu His Leu Thr Pro Phe Thr Ala Arg Gly		
158	115	120	125
161	Arg Phe Ala Thr Val Val Glu Glu Leu Phe Arg Asp Gly Val Asn Trp		
162	130	135	140
165	Gly Arg Ile Val Ala Phe Phe Glu Phe Gly Gly Val Met Cys Val Glu		
166	145	150	155
169	Ser Val Asn Arg Glu Met Ser Pro Leu Val Asp Asn Ile Ala Leu Trp		
170	165	170	175
173	Met Thr Glu Tyr Leu Asn Arg His Leu His Thr Trp Ile Gln Asp Asn		
174	180	185	190
177	Gly Gly Trp Asp Ala Phe Val Glu Leu Tyr Gly Pro Ser Met Arg Pro		
178	195	200	205
181	Leu Phe Asp Phe Ser Trp Leu Ser Leu Lys Thr Leu Leu Ser Leu Ala		
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199	ggggccgccc ccgcaccggg catttctcc tccagcccc ggcacacgcc ccatccagcc	180	
201	gatcccgcg acccggtcgc caggacctcg ccgtcgcaga ccccggtcgc cccggcgcc	240	
203	gccgcggggc ctgcgctcag cccgggtcca cctgtggtcc acctggccct ccgccaagcc	300	
205	ggcgacgact tctcccgccg ctaccgcggc gacttcggccg agatgtccag ccagctgcac	360	
207	ctgacgcacct tcaccgcgcg gggacgctt gccacggtgg tggaggagct ttccaggagac	420	
209	ggggtaact ggggaggat tgtggcctc tttgagttcg tgggggtcat gtgtgtggag	480	
211	agcgtcaacc gggagatgtc gcccctggtg gacaacatcg ccctgtggat gactgagtag	540	
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229	Lys Tyr Ile His Tyr Lys Leu Ser Gln Arg Gly Tyr Glu Trp Asp Ala		
230	20 25 30		
233	Gly Asp Val Gly Ala Ala Pro Pro Gly Ala Ala Pro Ala Pro Gly Ile		
234	35 40 45		
237	Phe Ser Ser Gln Pro Gly His Thr Pro His Pro Ala Ala Ser Arg Asp		
238	50 55 60		
241	Pro Val Ala Arg Thr Ser Pro Leu Gln Thr Pro Ala Ala Pro Gly Ala		
242	65 70 75 80		
245	Ala Ala Gly Pro Ala Leu Ser Pro Val Pro Pro Val Val His Leu Ala		

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246	85	90	95	
249	Leu Arg Gln Ala Gly Asp Asp Phe Ser Arg Arg Tyr Arg Gly Asp Phe			
250	100	105	110	
253	Ala Glu Met Ser Ser Gln Leu His Leu Thr Pro Phe Thr Ala Arg Gly			
254	115	120	125	
257	Arg Phe Ala Thr Val Val Glu Glu Leu Phe Arg Asp Gly Val Asn Trp			
258	130	135	140	
261	Gly Arg Ile Val Ala Phe Phe Glu Phe Gly Gly Val Met Cys Val Glu			
262	145	150	155	160
265	Ser Val Asn Arg Glu Met Ser Pro Leu Val Asp Asn Ile Ala Leu Trp			
266	165	170	175	
269	Met Thr Glu Tyr Leu Asn Arg His Leu His Thr Trp Ile Gln Asp Asn			
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287	actgaatcggt agatggagac ccccagtgc atcaatggca acccatcctg gcacctggca	180		
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291	atccccatgg cagcagtaaa gcaagcgctg agggaggcag gcgacgagtt tgaactgcgg	300		
293	taccggcggg cattcagtga cctgacatcc cagctccaca tcacccagg gacagcatat	360		
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301	tggatccagg agaacggcgg ctgggatact tttgtggAAC tctatggaa caatgcagca	600		
303	gccgagagcc gaaaggggcca ggaacgcttc aaccgctggt tcctgacggg catgactgtg	660		
305	gccggcgtgg ttctgctggg ctcactcttc agtcggaaat ga	702		

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/549,711

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Input Set : A:\P102159WO.ST25.txt

Output Set: N:\CRF4\10032005\J549711.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date